

Converting Colors

Yxy(34.4058, 0.3987, 0.2515)

Have a look what the booklet for
Yxy(34.4058, 0.3987, 0.2515)
contains.

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Color

Yxy(34.3379, 0.3984, 0.2509)

Conversions

Conversions Part 1

Format	Color
Hex	FF67B6
RGB	255, 103, 182
RGB Percent	100%, 40%, 71%
CMY	0.0001, 0.5959, 0.2864
CMYK	0.00, 0.60, 0.29, 0.00
HSL	329°, 100%, 70%
HSV	329°, 60%, 100%
XYZ	54.5246, 34.3379, 47.9964
YIQ	157.4540, 65.2330, 56.7930

Conversions

Conversions Part 2

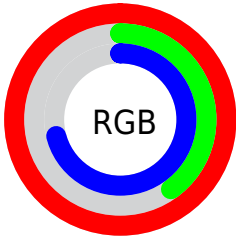
Format	Color
R _Y B	255, 103, 182
Decimal	16738230
CIE Lab	65.23, 65.32, -12.16
CIE LCh	65, 66.446, 349.455
Yxy	34.3379, 0.3984, 0.2509
Android (android.graphics.Color)	4294928310 (0xFFFF67B6)
YUV	157.4540, 12.1012, 85.5478
Hunter-Lab	58.5985, 63.5426, -7.5438

Details

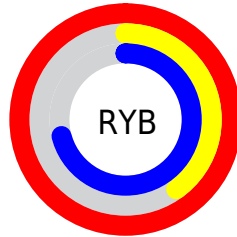
The Yxy color **34.3379, 0.3984, 0.2509** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **77.5256, 0.2730, 0.4303**, and the grayscale version is **33.8595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5747, 0.3310, 0.2513**, and **14.7730, 0.4245, 0.2300** is the 20% darker color. If you saturate the color by 10%, you get **29.5308, 0.4207, 0.2429**, and if you desaturate by 10%, it is **40.7388, 0.3781, 0.2621**.

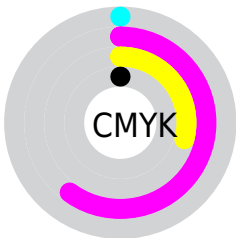
Distribution



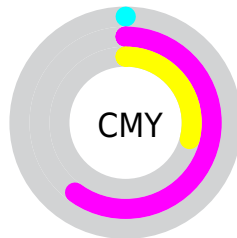
- Red (100%)
- Green (40%)
- Blue (71%)



- Red (100%)
- Yellow (40%)
- Blue (71%)



- Cyan (0%)
- Magenta (60%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3379, 0.3984, 0.2509 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 34.3379, 0.3984, 0.2509 by changing the saturation by 10% instead.

 34.3379, 0.3984,
0.2509


 34.3379, 0.3984,
0.2509


321.6361, 0.3548,
0.2895


 23.1533, 0.4094,
0.2415


 66.4588, 0.3824,
0.2648


 14.7067, 0.4237,
0.2296


 88.1639, 0.3765,
0.2700

 8.6138, 0.4427,
0.2141


 114.1446, 0.3714,
0.2745

 4.4902, 0.4693,
0.1931

 144.7853, 0.3672,
0.2783

 1.9514, 0.5089,
0.1634

180.4704, 0.3634,
0.2816

 0.5790, 0.5762,
0.1137

221.5843, 0.3602,

 0.0000, 0.8026,

0.2846

0.0000

268.5114, 0.3573,
0.2871

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.3379, 0.3984,
0.2509

■ 34.3379, 0.3984,
0.2509

■ 29.5308, 0.4207,
0.2429

■ 40.7388, 0.3781,
0.2621

■ 26.1656, 0.4443,
0.2393


■ 48.8567, 0.3603,
0.2751


■ 24.0696, 0.4680,
0.2410

■ 58.8086, 0.3450,
0.2890

■ 22.9706, 0.4907,
0.2479

■ 70.6995, 0.3321,
0.3030

 22.9340, 0.4917,
0.2482

 84.6266, 0.3213,
0.3166

99.9951, 0.3127,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.3379, 0.2928, 0.2056



34.3379, 0.3984, 0.2509



34.3379, 0.4856, 0.3118

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.3379, 0.3984, 0.2509



34.3379, 0.3976, 0.5089



34.3379, 0.1461, 0.2282

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.3379, 0.3984, 0.2509



77.5256, 0.2730, 0.4303

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.3379, 0.1635, 0.3109



34.3379, 0.3984, 0.2509



34.3379, 0.3046, 0.5113

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.3379, 0.3984, 0.2509



34.3379, 0.4747, 0.4508



34.3379, 0.2186, 0.4272



34.3379, 0.1616, 0.1891

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.3379, 0.3984, 0.2509



34.3379, 0.5110, 0.3567



34.3379, 0.2186, 0.4272



34.3379, 0.1480, 0.2505

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.3397, 0.3984, 0.2509



72.7902, 0.3302, 0.3052



25.9185, 0.2464, 0.1583



14.7751, 0.3337, 0.3012



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.3397, 0.3984, 0.2509



28.5997, 0.4263, 0.2416



32.0482, 0.4945, 0.3248



18.1447, 0.3212, 0.3167



12.0166, 0.4881, 0.2463



1.1921, 0.4638, 0.2329

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.3397, 0.3984, 0.2509



28.5997, 0.4263, 0.2416



81.2860, 0.2413, 0.3347



18.1447, 0.3212, 0.3167



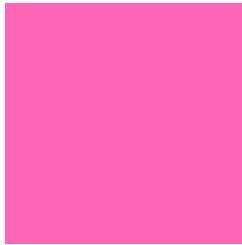
12.0166, 0.4881, 0.2463



1.1921, 0.4638, 0.2329

Previews

White Background



This preview shows how the Yxy color 34.3379, 0.3984, 0.2509 looks on a white background.

Color Contrast Check

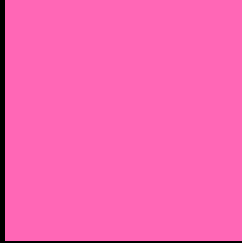
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.3379, 0.3984, 0.2509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.3379, 0.3984, 0.2509

Background



This preview shows how black text looks on a background with the Yxy color 34.3379, 0.3984, 0.2509.



This preview shows how white text looks on a background with the Yxy color 34.3379, 0.3984, 0.2509.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.3379, 0.3984, 0.2509

Protanopia

34.8039, 0.2506, 0.2445

Deuteranopia

34.3827, 0.3072, 0.3007



Tritanopia

34.2700, 0.4623, 0.3213

Trichromacy



Original Color

34.3379, 0.3984, 0.2509



Protanomaly

32.2926, 0.2934, 0.2406



Deuteranomaly

32.6444, 0.3386, 0.2753



Tritanomaly

34.1087, 0.4401, 0.2947

Monochromacy



Original Color

34.3379, 0.3984, 0.2509



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

31.9820, 0.3436, 0.2906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3379, 0.3984, 0.2509 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 103, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 182)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 103, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 182) }
```

Border

The CSS property to change the border of an element to Yxy 34.3379, 0.3984, 0.2509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 103, 182) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 103, 182) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 103, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3379, 0.3984, 0.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 182) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
103, 182) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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